

Manhole Inspection Summary

Manhole # S29K__066MH

Printed On: 5/28/2009

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Inspection ☐ Is Incomplete Rating: **5) Immediate Attention Required**

Record Plat: **29K** Node: **066** Status: **Found**

Insp Date: **1/30/09 2:31 PM**

Incomplete Comments

Crew: **WJ/DH**
Inspector: **dhinton**
Firm: **PER**

Location Address: **219 S.Fremont St.**

Cross Street: **Dover St.**

Manhole Type: **Junction**

Location: **Grass**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **Unable to obtain proper measurements, due to active surcharge
Conformation #83747**

Cover

Shape: **Circular**

Diameter: **25.** (in.) Length: **0** (in.) Dist A/B Grade: **3** (in.)
5

Type: **Stormwater**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **1.5** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **16** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench

☒ Exists Material: **Unknown**

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Channel

Material: **Unknown**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Steps

Count: **7** Missing: **0** ☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge** Depth: **0.8** (ft.) ☒ **Active Surcharge Present**

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Location View



Top View



Miscellaneous



wrong lid

Miscellaneous



cover above grade ~3"

Defect 4



surcharge evidence on barrel walls, roots in pipe connection

Defect 3



active surcharge, bench and channel debris

Defect 2



corroded rungs

Defect 1



frame offset 1.5

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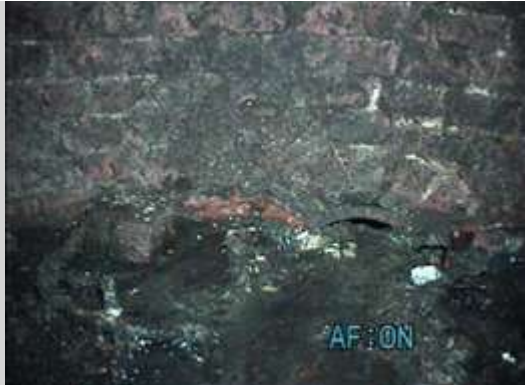
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10 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: 0 (in.) Direct

Pipe Material: Unknown ☐ Pipe Lined

Invert Depth: 11.40 (ft.) Flow Characteristics: None

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ Debris ☐ Grease

Silt Depth: 5 (in.) Deposits Extent: Heavy

Infiltration: None Pipe Seal Cond: Unknown

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 4 O'Clock

4 O'Clock Inflow



Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay ☐ Pipe Lined

Invert Depth: 10.72 (ft.) Flow Characteristics: Slow

Deposits: ☐ None ☐ Mud ☒ Sludge ☐ Debris ☐ Grease

Silt Depth: 0 (in.) Deposits Extent: Medium

Infiltration: None Pipe Seal Cond: Sound

Drop In @ 4 O'Clock



Drop: Outside Rod and Bar

Angled: Yes Reading: 16.28 (ft.)

Inv Depth: 17.28 (ft.)

Drop Condition: Clogged

Connects To: Manhole

☐ Possible Illicit Connection

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8 in. Circular Gravity Sewer

6 O'Clock Inflow

Pipe In @ 6 O'Clock



Pipe Height: 0 (in.) Direct

Pipe Material: **Unknown** ☐ Pipe Lined

Invert Depth: 11.20 (ft.) Flow Characteristics: **None**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: 6 (in.) Deposits Extent: **Heavy**

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection